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9	AQ 6 0 5 9 9 5 5											Cody et al.	208	18		
9	LU AR 6 0 8 0 3 0 1											Berlowitz et al.	208	18		
9	ZU AS 6 0 9 0 9 8 9									9	7/18/00	Trewella et al.	585	13		
9	AT 6 1 0 3 0 9 9						9	9	8/15/00	Wittenbrink et al.	208	27				
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9	AU	AF		6	5	1	8	4	7	3 B2	2/11/03	Miller et al.	585	517		
9	AG 6 5 7 9 4 4 1B1											Biscardi et al.	208	18		
9	AH 6 6 0 5 2 0 6B1									6 B I	8/12/03	Johnson et al.	508	80		
9	AI 6 6 2 0 3 I 28I											Murphy et al.	208	58		
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1	Lle	AK	wo	02/	4		B 2	2	9	0 A I	20 Jun 02	РСТ	C10G	65/04		
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James Thomas Carey, et al

U. S. Serial Number 10/678,547

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October 3, 2003
Group Art Unit

Attorney Docket Number

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illu	AR	4,431,519	2/14/84	LaPic	erre et al.	208	111			
seu	AS	4,431,527	2/14/84	Mille	r et al.	208	254			
Lu	ΑТ	4,436,614	3/13/84	Olbri	ch et al.	208	89			
Alle	ΑU	4,460,698	7/17/84	Hens	ley, Jr. et al.	502	66			
Tell	ΑV	4,483,764	11/20/84	Hens	ley, Jr. et al.	208	111			
Mu	AW	4,510,045	4/9/85	Dess	au	208	111			
Lu	AX	4,568,449	2/4/86	Angr	norter et al.	208	215			
su	AY	4,594,146	6/10/86	Ches	ter et al.	208	111			
Lu	AZ	4,684,756	8/4/87	Derr,	Jr. et al.	585	330			
114	AA	4,784,747	11/15/88	Shiha	abi	208	111		<u></u>	
			FC	REIGI	PATENT DOCUMENTS	·				
		DOCUMENT - NUMBER	PUBL DATE		COUNTRY	CLASS	SUBCLASS	TRANSI	ATION	
Her	AB	FR 2805543	24/02/00	Franc	e	C10G	69/02	Abstract		
File	AC	GB 2311789	08/10/97	Unite	d Kingdom	C10G	65/12			
Fell	AD	GB 2109402	02/06/83	Unite	d Kingdom	C10G	45/64			
Ele	AE	GB 1582789	14/01/81	Unite	d Kingdom	C10G	45/64	<u>.</u>		
Till	AF	GB 772478	17/04/57	Unite	d Kingdom	C07c				
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ille	ΑI	4,919,788	4/24/90	Chen	et al.	208	59			
De	AJ	5,017,535	5/21/91	Scho	onhoven et al.	502	30			
de	AK	5,037,528	8/6/91	Garw	ood et al.	208	27			
de	AL	5,059,299	10/22/91	Cody	et al.	208	27			
The	AM	5,146,022	9/8/92	Buch	anan et al.	585	12			
den	AN	5,208,403	5/4/93	Buch	anan et al.	585	7			
mei	AO	5,232,579	8/3/93	Absil	et al.	208	113			
Mu	AP	5,275,719	1/4/94	Bake	r, Jr. et al.	208	58			
alu	AQ	5,276,229	1/4/94	Buch	anan et al.	585	255			
du	AR	5,288,395	2/22/94	Marl	er et al.	208	58			
1/4	AS	5,358,628	10/25/94	Apel	ian et al.	208	60			
			FC	DREIG	N PATENT DOCUMENTS					
•		DOCUMENT	PUBL.					TRANSL	ATION	
		NUMBER	DATE		COUNTRY	CLASS	SUBCLASS			
2001	AT	SU 1696391	07/12/91	USSI		C10G	47/20	YES Abstract	NO	
7/1/	AU	WO 01/64339	07/09/01	Franc	ee	C10G	45/64	Abstract		
Lill	ΑV	EP 0776959	04/06/97	Euro	pe	C10G	65/04			
7001	AW	WO 97/18278	22/05/97	JUSA	- PCT	C10G	47/00			
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	ille	AY	5,498,821	3/12/96	Ryan	et al.	585	750			
	Ju	AZ	5,516,736	5/14/96	Chan	g et al.	502	64			
	du	AA	5,643,440	7/1/97	Borg	hard et al.	208	58			
1	Alle	AB	5,689,031	11/18/97	Berlo	owitz et al.	585	734			
(Su	AC	5,730,858	3/24/98	Olivi	er et al.	208	28			
d	all	AD	5,911,874	6/15/99	Cody	et al.	208	87			
	de	AD	5,935,417	8/10/99	Cody	et al.	208	87			
	Ju	AF	5,993,644	11/30/99	Xiao	et al.	208	89			
	sun	AG	6,013,171	1/11/00	Cool	c et al.	208	27			
	de	AH	6,051,129	4/18/00	Harri	s et al.	208	138			
				FC	DREIG	N PATENT DOCUMENTS					
			DOCUMENT NUMBER	PUBL. DATE		COUNTRY	CLASS	SUBCLASS	TRANSL	ATION	
9	Lu	AI	WO 99/20720	29/04/99	JJSA	PCT	C10M	143/08			
4	The	AJ	WO 01/07538	01/02/01	Neth	erlands	C10G	45/64			
9	Zell	AK	WO 01/18156	15/03/01	Franc	ce	C10M	101/02	Abstract		
9	Till	AL	WO 02/88279	07/11/02	USA	PCT	C10G	73/38			
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Alu	AO	6,096,189	8/1/00	Cody	et al.	208	87				
Lin	AP	6,179,994	1/30/01	Clark	et al.	208	27				
9/11	AQ	6,190,532	2/20/01	Degn	an et al.	208	27				
olli	AR	6,231,749	5/15/01	Degn	an et al.	208	27				
Jun	AS	6,264,826	7/24/01	Xiao	et al.	208	18				
Live	AT	6,310,265	10/30/01	Ches	ter et al.	585	739				
alle	AU	6,322,692	11/27/01	Cody	et al.	208	18				
all	AV	6,337,010	1/8/02	Hofe	r	208	58				
alle	AW	2001/0004972	6/28/01	Mille	er et al.	208	18				
Jun	AX	2001/0006154	7/5/01	Krug	et al.	208	18				
sell	AY	2002/0003102	1/10/02	ORe	ar et al.	208	18				
The	AZ	2003/0168379	9/11/02	Degn	an et al.	208	27				
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gle	AB	WO 02/99014	12/12/02	Nethe	erlands	C10G	65/04				
MM	AC	WO 02/48291	20/06/02	USA	PCI	C10G	67/04				
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(all	AF	4,599,162	7/8/86	Yen		208	59					
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(IM	ΑI	4,810,357	3/7/89	Ches	ter et al.	208	78					
(Mu	AJ	4,992,159	2/12/91	Cody	et al.	208	89					
	LU	AK	5,158,671	10/27/92	Cody	et al.	208	264					
	Mer	AL	5,246,566	9/21/93	Mille	г	208	27					
	Lie	AM	5,951,848	9/14/99	Bake	r, Jr. et al.	208	28					
\langle	du	AN	6,136,181	10/24/00	Ziem	er	208	144					
1	seu	ΑO	6,420,618	7/16/02	Berlo	witz et al.	585	310					
	UU	AP	6,663,768	12/16/03	Mille	r	208	27					
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